



PATENT
Attorney Docket No. 207198
Client Reference No. 20763

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Saito et al.

Application No. 09/706,301

Art Unit: 1644

Filed: November 3, 2000

Examiner: G. R. Ewoldt

For: OIL ADJUVANT VACCINE

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RESPONSE TO OFFICE ACTION

Commissioner for Patents
Washington, D.C. 20231

TECH CENTER 1600/2900

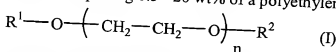
Dear Sir:

In response to the Office Action dated November 1, 2002, please enter the following amendments and consider the following remarks.

AMENDMENTS

Please replace claim 1 with the following:

1. (Amended) A W/O/W type oil adjuvant vaccine comprising (a) an inner aqueous phase comprising a biologically acceptable and effective amount of antigen, (b) an oil component phase which is in a liquid state at a temperature in the range of 15-25 °C, and (c) an outer aqueous phase comprising 0.5 - 20 wt% of a polyethylene glycol derivative



having a molecular weight of 400 - 20,000, which is represented by the following formula (I)

wherein R^1 and R^2 may be the same or different and each is a hydrogen atom or alkyl having 1 to 4 carbon atoms and n is a polymerization degree, and wherein the inner aqueous phase is discontinuous and suspended in the oil component phase, and the oil component phase is discontinuous and suspended in the outer aqueous phase.